

1ST AND 2ND CROISS										3RD AND 4TH CROISS									
PROCESSES AND PROPERTIES INDEX																			
<i>mm</i> <i>1</i> Applicability of Potentiometric Silver Titration in Determining Silver in Fraction. P. Hough (Mitt. Forschungslab. Elektrometall., 1936, 8, 1-11).—See Met. Abs., 1936, 1, 611.—N. G.																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
120000 01										120000 01									
120000 01										120000 01									

1956, I. P.

1956, I. P.: "Analysis of the working and living conditions of peat workers." Vil'nyus State U. Leni Kapsukas. Vil'nyus, 1956.
(Dissertation for the Degree of Candidate in Medical Sciences)

Source: Knizhnyy letopis' No. 28 1956 Moscow

PROKOF'YEV, Vasiliiy Platonovich; SUPONITSKIY, M.Ya., dots., kand.
med. nauk, retsenzent; STREMLINA, S.M., retsenzent; MEDOKS,
T.S., retsenzent; VUL'FOVICH, V.O., spets. red.; RAUBE, P.V.,
inzh., spets. red.; FUKS, V.K., red.

[Industrial sanitation in food industry enterprises] Proiz-
vodstvennaia sanitariia na predpriatiakh pishchevoi pro-
myshlennosti. Moskva, Pishchevaia promyshlennost', 1964.
295 p. (MIRA 18:3)

RAUBE, P.V., red.; SELEKHOV, P.M., red.; FILIPPOVICH, P.V., red.;
KOGAN, F.L., tekhn. red.

[Food machinery industry in capitalist countries] Prodo-
vol'stvennoe mashinostroenie v kapitalisticheskikh stranakh.
Moskva, 1961. 335 p. (MIRA 16:8)

1. Moscow. TSentral'nyy institut nauchno-tekhnicheskoy in-
formatsii mashinostroyeniya.

(Food machinery)

ZOTOV, V.P.; SILUYANOV, V.G.; GUGINA, Ye.F.; AUERMAN, L.Ya.; ALEKHINA, M.S.;
BEZZUBOV, A.D.; BODROV, V.A.; BUDNYI, A.V.; BURTSEV, Ye.L.;
VAYNSHTEYN, V.O.; GAVRILOV, A.N.; GORBATOV, V.M.; GRITSENKO, N.N.;
DOLGUSHEVA, L.I.; YEDYGENOV, K.Ye.; ZHURAVLEVA, S.S.; ZACHESKIN,
Ya.A.; IVKIN, A.P.; ~~I~~ZOTOV, A.K.; IL'INSKIY, N.A.; IRINARKHOVA,
A.M.; KARPENKO, A.K.; LYSOGOR, P.M.; LUPISH, A.T.; OLEYNIKOV, V.V.;
ORANZHEREYEVA, V.F.; PETROV, N.A.; PYATIBRATOV, M.A.; ROMANOV,
A.N.; RAUBE, P.V.; RYZHENKO, L.P.; SEMYKIN, A.A.; SHEFER, A.P.

G.IA.Ivanov; obituary. NTO 4 no.10:39 0 '62. (MIRA 15:9)
(Ivanov, Georgii Iakovlevich, 1897-1962)

BURSIAN, Vladimir Romanovich, kand.tekhn.nauk; PAL'TSEV, V.S., kand.
tekhn.nauk, retsenzent; RAUBE, P.V., inzh., retsenzent;
KHMEZ'NITSKAYA, A.Z., red.; SOKOLOVA, I.A., tekhn.red.

[Pneumatic tube transportation in food industry plants] Pnevma-
ticheskii transport na predpriyatiakh pishchevoi promyshlennosti.
Moskva, Pishchepromizdat, 1960. 178 p. (MIRA 13:9)
(Pneumatic tube transportation)
(Food industry--Equipment and supplies)

GUTOWSKI, Wacław; RAUBE-JAKUBOWSKA, Romana

Therapy of certain forms of tuberculosis with isonicotinic acid hydrazid. Polski tygod.lek. 10 no.19:622-624 9 May '55.

1. Z Wojewódzkiej Przyszłości Skorno-Wenerologicznej i odda dermatologicznego Szpitala Wojewódzkiego w Olsztynie; dyrektor i ordynator doc. dr W. Gutowski. Olsztyn, ul. Kosciuszki 37.

(TUBERCULOSIS, therapy
isoniazid)

(NICOTINIC ACID ISOMERS, ther use
isoniazid in tuberc.)

SUCHANEK, Jerzy; RAUBE-JAKUBOWSKA, Romana

Methods of detecting & diagnosing hidden syphilis. Przegl. dermat.,
Warsz. 7 no.2:153-160 Mar-Apr 57.

1. Z Wojewodzkiej Przychodni Skoro-Wenerologicznej i Oddzialu
Dermatologicznego Szpitala Wojewodzkiego w Olsztynie Dyrektor i
ordynator: doc dr J. Suchanek. Adres: Olsztyn, Wojewodzka Przychodnia
Skorno-Wenerologiczna, Kosciuszki 37.

(SYPHILIS, diag.

hidden syphilis, detection methods (Pol))

TSOLALVI

Zivojin JEVIC, Guy RIVER, Jacques PETIT and Borivoje TRNINIC, Clinic
of Internal Medicine, Medical Faculty, University of Nancy, France
(original version not given) Head Prof Dr Pierre KISSEL; and Internal
Medicine Clinic Medical Faculty (Interna klinika Medicinskog fakulteta)
Sarajevo (Ugavnik) Prof Dr Bogdan ZIMONJIC, University of Sarajevo.

"Contribution to the Data on Saint's Triad."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 90, No 7-8, July-Aug
1992, pp 777-778.

Abstract [French summary modified]: Saint's triad (diaphragmatic hernia,
cholelithiasis, colonic diverticulosis): 3 detailed case reports, 3
photograms, 12 Western references.

11/1

JEVTIC, Z., doc., dr; RAUBER, G., prof., dr; TRNINIC, B., dr; MARINKOVIC, M., dr

Minute intubation in the diagnosis of biliary dyskinesia. Med. glas.
16 no.5:230-232 My '62.

1. Universite de Nancy, Centre hospitalier regional clinique medicale
"B" (Prof. dr M. Kissel) Interna klinika Medicinskog fakulteta u
Sarejevu (Upravnik: prof. dr B. Zimonjic)

(BILIARY TRACT dis)

5

JEVTIC, Zivojin; RAUBER, ~~Qay~~; PETIT, Jacques; TRNINIC, Borivoje

Contribution to the study of Saint's triad. Srpski arh. celok.
lek. 90 no.7/8:767-772 J1-Ag '62.

1. Interna klinika B Medicinskog fakulteta Universiteta u
Nansi ju Upravnik: prof. dr. Pierre Kissel. Interna klinika
Medicinskog fakulteta Univerziteta u Sarajevu Upravnik: prof.
dr. Bogdan Zimojnic.

(CHOLECYSTITIS) (DIVERTICULITIS)
(DIAPHRAGMATIC HERNIA)

S

RAUBISZKO, Jan, mgr. inz.

Numerical control device for opening photographic shutters.
Lacznosc Wroclaw 5:189 '62.

1. Katedra Miernictwa Elektronowego, Politechnika, Wroclaw.

DINULESCU, G.; STOENESCU, D.; MANOIU, I.; RAUCHBACH, C.; DRAGOIU, I.; DONCIU, Iv.; FRUCHTER, J.

Study of piperazine as an anthelmintic in ascariasis, ankylostomiasis and trichuriasis in dogs. Stud. cercet. inframicrobiol Bucur. 6 no. 1-2:285-298 Jan-June 55.

(HELMINTH INFECTIONS

in dogs, ther., piperazine)

(PIPERAZINES, ther. use

helminth infect. in dogs)

(DOGS, diseases

helminth infect., ther., piperazine)

(HOOKWORM INFECTION

in dogs, ther., piperazine)

DINULESCU, G.; STORNESCU, D.; MANOIU, I.; IVANA, Ilie.; VISAN, C.;
TRODORU, M.; RAUCHBACH, C.; NEGRU, I.; LOVIN, Dan.

Piperazine as anthelmintic in parascariasis, oxyuriasis and
strongylosis in horses. Stud. cercet. inframicrobiol., Bucur. 6
no.1-2:295-300 Jan-June 55.

(ASCARIASIS

parascariasis in horses, ther., piperazine)

(OXYURIASIS

in horses, ther., piperazine)

(NEMATODE INFECTIONS

in horses, ther., piperazine)

(HELMINTH INFECTIONS

in horses, ther., piperazine)

(PIPERAZINES, ther. use

helminth & nematode infect. in horses)

(HORSES, dis.

helminth & nematode infect., ther., piperazine)

CA 11C

Comparative experiments on the formation of antibiotics by *Penicillium* species. Kotal Benkner and Johann Kuch (Deutsch. Tech. Hochschule, Prague). *J. Naturforsch.* 4b, 248-49 (1949).--Correlations were sought between antibiotic formation and particular portions of the mycological system of the mold group *Penicillium* "Link" by the streak test with different test organisms. Penicillin, claviformin, and citrinin predominate in certain groups and subsections while penicillic acid is produced by species found through the whole *Penicillium* classification. Some species in all sections and subsections produced antibiotics. The nutrient medium is very important in antibiotic formation: 163 out of 375 *penicillium* species examined showed activity.

Ivan A. Wolff

1452

RUMANIA/Human and Animal Physiology - Blood. Blood Coagulation. T-3

Abs Jour : Ref Zhur - Biol., No 18, 1958, 84072

Author : Buruiana, L.M., Rauchbach, C.

Inst : Rumanian AS. Timisoara Branch.

Title : Determining Prothrombin Contents in People and in Animals.

Orig Pub : Studii si cercetari stiint. Acad. RPR. Baza Timisoara.
Ser. stiinte ned., 1956, 3, No 1-2, 55-61

Abstract : Prothrombin contents were determined according to prothrombin time. The usual preparations of thrombokinase were replaced by a standard solution which was obtained from the lungs of a pig. The average prothrombin time is in birds, 44.5 sec, in humans, 31.6 sec, in buffalos, 26.2 sec, in horses, 23.8 sec, in pigs, 19.7 sec, in oxen, 19.2 sec, in sheep and goats, 15.4 sec, in hares, 14.8 sec, in dogs, 13.5 sec. -- L.N. Dayneko

Card 1/1

DINULESCU, GH.; STOENESCU, D.; RICMAN, T.; RAUCHBACH, C.; DRAGOI, I.; SOZANSCHI, M.;
NEGRU, D.; DONCIU, IV.; GIUGLEA, M.

Studies of the incidence of several helminth infections in humans and
the relation of the latter to canine helminthiasis. Stud. cercet.
inframicrobiol., Bucur. 8 no.2:297-303 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei
R.P.R. in sedinta din 17 octombrie 1956.

(HELMINTH INFECTIONS, epidemiology
in rural Rumania, incidence & distribution, relation to
canine helminthiasis)

DINULESCU, G.; STOENESCU, D.; RAUCHBACH, C.; MANOIU, I.; NEGRU, D.;
DONCIU, Ivanca; DRAGOI, I.; LOVIN, D.

Studies of the invasive elements in parasitoses in dogs. Stud.
cercet. inframicrobiol., Bucur. 6 no.3-4:587-593 July-Dec 1955.

(PARASITIC DISEASES

intestinal, indogs, etiol. & transm.)

(GASTROINTESTINAL DISEASES

parasitic, in dogs, etiol. & transm.)

EXCERPTA MEDICA Sec 17 Vol 5/8 Public Health Aug 59

2401. ECHINOCOCCOSIS IN CATTLE FOR SLAUGHTER - Betrachtungen zur Echinokokkenkrankheit der Schlachttiere - Rauchbach K. VEB Schlachthof Arad, Rumänien - MH. VET. MED. 1958, 13/11 (340-342) Tables 2 Illus. 1

In the slaughter house of Arad (Rumania) it was found that in 1956 38.36% of cows, 52.69% of sheep and 8.11% of pigs had echinococcosis. In comparison with 1953, this means an increase of the disease among cows and sheep. The considerable economic losses caused by echinococcosis of cattle are pointed out: growth of young animals is impaired, the production of milk, meat and fat deteriorates and the affected organs are rejected at the slaughter house.

Hemmes - Utrecht (L, 17)

Abs Jour : Ref Zhur - Biol., No 16, 1958, 72305

Author : Dinulescu, Gh., Stoicescu, D., Rician, T., ~~Rauchbach, G.~~,
Dragoi, I., Sozanschi, M., Negru, D., Donciu, Iv., Giurlea,
M.

Inst : -

Title : On the Frequency of Human Helminthiasis and Its Relation
to Canine Helminthiasis.

Orig Pub : Studii si cercetari inframicrobiol. si parasitol., 1957,
8, No 2, 297-303.

Abstract : Infection with helminths of the servants (42) and in dogs
(918) from the same nurseries was studied. In human
beings there were principally found the helminths peculiar
to man and much rarely those common to both man and dog.

Card 1/1

- 12 -

RAUCHENIBAKH, M.O., prof.

Significance of hemopoiesis, the properdin system, and throm-
bocytic factors in body resistance to radiation sickness. Voen.-
med. zhur. no.8:18-23 Ag'58. (MIRA 16:7)

(HEMOPOIETIC SYSTEM) (PROPERDIN)
(BLOOD PLATELETS) (RADIATION SICKNESS)

RAUCHENBERG, M.

Metastatic sacrococcygeal chondrosarcoma. Cas.lek.cask. 99 no.14:
429-433 1 Ap '60.

1. Patologickoanatomicke oddeleni nemocnice v Praze 4 - Motole,
prednosta MUDr. M. Rauchenberg.
(CHONDROSARCOMA case reports)
(SACROCCOCCYGEAL REGION neopl.)

BLAHOS, J.; NIEDERLE, B.; ORSZAGH, J.; KAS, S.; RAUCHENBERG, M.

Hyperinsulinism. Pathogenesis, diagnosis and therapy. Cas. lek. cesk.
101 no.29/30:912-918 20 JI '62.

1. Vyskumny ustav endokrinologicky v Praze, reditel doc. dr. K. Silink -
Chirurgicke oddeleni nemocnice v Praze 5-Motole, prednosta prof. dr.
B. Niederle - Neurologicke oddeleni nemocnice v Praze 5-Motole, pred-
nosta doc. dr. K. Mathon - Patologickoanatomicke oddeleni nemocnice
v Praze 5-Motole, prednosta MUDr. M. Rauchenberg.

(HYPERINSULINISM)

NIEDERLE, B.; RAUCHENBERG, M.

So-called Mondor's disease. Rozhl. chir. 34 no.2:65-74 P '60.

1. Chirurgické oddelení nemocnice v Praze-Motole, přednosta prof.
dr. B. Niederle, a prosektura nemocnice v Praze-Motole, přednosta
prim. dr. M. Rauchenberg.
(THROMBOPHLEBITIS)
(THORAX dis.)

RAUCHENBERG, M.; MARTINU, K.; KOHL, D.

Cytological diagnosis of bronchial carcinoma by examination of sputum. Cesk. onkol. 1 no.2:140-157 1955.

1. Statni oblastni nemocnice, Praha-Motol. MUDr. M. Rauchenberg, Praha XVI. Holeckova 66; MUDr. K. Martinu, Praha VII, Vinarska ul.; MUDr. D. Kohl, Praha-Motol, Statni oblastni nemocnice.

(BRONCHI, neoplasms,
diag., cytol. exam. of sputum)

(SPUTUM,
cytol. in bronchial cancer)

ADAMEK, R; RAUCHENBERG, M; LIBAN, Ye.

Antibiotic fungus *Hyphomyces antibioticus* and its product mycelin.
Biol. listy 31 no.2:65-69 July 1950. (CLML 20:1)

1. Of the Institute of Chemistry in Prague and of the Prosecture
of the Hospital in Prague-Podole.

LUKES, A.; RAUCHENBERG, M.

Leiomyosarcoma of the nose & paranasal sinuses. Cesk. otolar. 8 no.1:
1-7 Feb 59.

1. Statni oblastni nemocnice v Praze 4-Motole, odd. pro lecení chorob
usnich a nosnich, prednosta MUDr. Antonin Lukes: prosektura, prednosta
MUDr. Max. Rauchenberg. A. L. Bubenetskay, Praha 6.

(LEIOMYOSARCOMA, case reports

maxillary sinus & nasal cavity (Cz))

(MAXILIARY SINUS, neoplasms

leiomyosarcoma, case report (Cz))

(NASAL CAVITY, neoplasms

same)

RAUCHENBERG, R.

Mycelin, an antibiotic from *Hyphomyces antibioticus*. R. Adamek, M. Rauchenberg, and B. Liban (Chem. Inst. State Hosp., Prague). *Diss. Listy* 31, 85-9 (1950); cf. *ibid.* 29, 128 (1948).—Mycelin was produced in stationary cultures of *H. antibioticus* in 14-20 days. It was quantitatively adsorbed on C, from which it could be extd. with Et₂O. The concentrate was in turn extd. into water contg. CaCO₃ and further purified by pptn. of inactive substances with Me₂CO. Mycelin is highly toxic in mice. It is heat-labile and has not been crystd. Its activity was completely lost in 48 hrs. at 37°, but was comparatively stable at room temp. at pH 3-8. Oldrich Sebek

RAUCHENBERG, M.

ZEMPLENYI, T., MUDr; BECK, W., MUDr; SMEJKALOVA, M., MUDr; RAUCHENBERG, M.,
MUDr

Implantation stenosis of liver carcinoma to the heart with a clinical
picture of valvular lesions. Cas. lek. cesk. 93 no.43:1194-1198
22 Oct 54.

1. Z Int. odd. st. obl. nem. v Praze-Motole, prednosta prof. MUDr
V.Jonas. (for Zemplenyi, Beck, Smejkalova) 2. Z prosektury st.
obl. nem. v Praze-Motole, prednosta primar MUDr M.Rauchenberg.
(for Rauchenberg)

(HEART, neoplasms,
metastatic from liver, differ. diag. from valvular
lesions)

(LIVER, NEOPLASMS,
metastatic to heart, simulating valvular lesions)

(CARDIAC VALVES, diseases,
differ. diag. from carcinoma of heart metastatic from liver)

IANCU, A.; RAUCHER; FENESAN, E.; NEDMICHU, A.; FELIA, D.

Blood sugar variations induced in dystrophic sucklings under the action of caffeine. Rumanian M. Rev. 1 no.4:42-43 Oct-Dec 57.

(CAFFEINE, eff.

on blood sugar in dystrophic inf.)

(BLOOD SUGAR, eff. of drugs on
caffeine in dystrophic inf.)

(INFANT NUTRITION DISORDERS, blood in
eff. of caffeine on blood sugar in dystrophic inf.)

RAVCHER, C., and others.

Fighting against the dust from blasting operations in mines. P 152.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industriei Petrolului si
Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a Inginerilor
si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 10, no. 4, Apr. 1959.

Monthly List of East European Accessions (FEAI) LC. Vol. 8, no. 9, Sept. 1959.

Uncl.

1. Occupational Cancer of the Integuments Caused by Tar, by Bruce and its Derivatives, Prof F. MONTU, pp 1-11.
2. Pollution of the Atmosphere in the Vicinity of an Electrical Thermopower Station, by LAZAROVICH, B. S. ZYKINA, E. M. and V. BAKOVA, Dr V. LAZAROVICH, 1. ENKIN, S. MILIT and St. DIACOVICH, pp 13-17.
3. Notes on the Supply of Drinking Water in Rural Areas by Means of Small Central Supply Units (Microcentral Units), by Dr T. STOPIAR and Dr KALIN OKRADOVIC, pp 19-25.
4. Experimental Investigations on the Toxicity of Certain Chemical Substances Used in the Agriculture of Organic Oases (Pesticides and Fertilizers), by Dr C. BUCUR, Miss ROSCA and Radu OREBEN, pp 27-30.
5. Investigations Concerning Influences of Ionizing Radiation on the Nutritive Value of Proteins and Lipids in Cured Beef, by Dr A. STAN, Dr N. RODOVEN, Dr MAUR, Dr CHIRILEA, CHIRILEA, CHIRILEA, CHIRILEA, performed at the NPI Institute of Hygiene and Public Health (Institute of Hygiene at Semescu Publica HPI), Bucharest; pp 31-39.
6. New Aspects Concerning the Use of Clostridium velchii Bacterium as Sentient Indicator for Food Products, by Constantin IYVITAI, pp 41-48.
7. The Use of Plant Tests in Food Toxicology, by Elena ZYKINA-REDOVA, Dr A. STAN and Alina GORD, NPI Institute of Hygiene and Public Health (Institute of Hygiene at Semescu Publica HPI), Bucharest; pp 49-53.
8. A Few Observations on Radioactivity, by Dr M. ZARVA and Dr Radu-Mihail DUMIR, pp 55-56.
9. Radioactive Pollution of Natural Waters, by Dr G. ZANFIR, pp 57-59.

GABOR, Sylvia; RAUCHER, K.

Studies on the determination of maximum concentrations of benzene and monochlorobenzene. J.hyg.epidem., Praha 4 no.2:223-231 '60.

1. Institut für Hygiene und Gesundheitsschutz, Abteilung Arbeits-hygiene, Cluj.

(INDUSTRIAL MEDICINE)

(BENZENE toxicol)

RAUCHFLEISCH, Etla M., Warszawa - Mirow, Solna 6, block 18a, m.46

Chemistry and cancer. Polski tygod. lek. 10 no.2:60-62 10 Jan 55.

(NEOPLASMS, etiology and pathogenesis
chemicals)

(CHEMISTRY
chemicals in etiol. of cancer)

KAZLAUSKAS, Julijus; PACIRYS, Julijus; RAUCKIS, Mijklas; KARPAVICIUTE, M.,
red.; LUKOSEVICIUS, St., tekhn. red.

[Helminth diseases of animals and poultry] Gyvuliu ir pau-
ksciu helmintozes. Vilnius, Valstybine polines ir mokslines
literaturos leidykla, 1961. 361 p. (MIRA 15:3)
(Worms, Intestinal and parasitic)

RAUD, El'mar Petrovich, frezerovshchik-instrumental'shchik; KHVOSTOVA, D.M.,
redaktor; KIRSANOVA, N.A., tekhnicheskii redaktor.

[Experience in preparing complicated pressmolds] Opyt izgotovleniia
pressform. [Moskva, Izd-vo VTsSPS, 1956] 61 p. (Rasskazy novatorov)
[Microfilm] (MLRA 10:4)

1. Tallinskiy mashinostroitel'nyy zavod "Il'marine".
(Molding (Founding))

USSR/Chemical Technology - Chemical Products and Their
Application. Treatment of Solid Mineral Fuels.

I-7

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2477
Author : Siyrde, E.K., Rannak, E.D., Garbuzov, A.S., Raud, KH.K.
Inst : Tallin Polytechnic Institute
Title : Low Temperature Rectification of Shale Semicoking Gas.
Orig Pub : Tr. Tallinsk. politekhn. in-ta 1956, A, No 73, 86-93
Abstract : The composition is described of gases obtained on semico-
king of Estonian shale in tunnel ovens, as determined by
analyses according to the method of low-temperature rec-
tification.

Card 1/1

ROOSENIIT, Oskar; RAUD, M., red.; LAUL, U., tekhn. red.

[How to reduce costs in agriculture] Põllumajandussaaduste
omahinna alandamisest. Tallinn, Eesti Riiklik Kirjastus, 1962.
39 p. (Eesti NSV Poliitiliste ja Teaduslaste Teadmiste Levita-
mise Uhing, no.316) (MIRA 15:7)

(Agriculture---Costs)

HOMMIK, K., kand. tekhn. nauk; KALJUMAE, H., inzh. gidrotekhn.;
KASK, R., kand. sel'khoz. nauk; KATUS, A., inzh. lesnogo khoz.;
KILDEMAA, K., kand. geogr. nauk; KURKUS, J., agronom; LIPPMAA, A.,
inzh. gidrotekhn.; PANT, R., prepodavatel', agronom; RAIG, V.,
inzh. gidrotekhn.; REMMEL, A., inzh. melior.; TALPSEPP, E., kand.
sel'khoz. nauk; SOOSAAR, V., inzh. lesnogo khoz.; STERNFELD, R.,
inzh. stroit.; TOMINGAS, E., inzh. melior.; KARUS, G., red.;
RAUD, M., red.; VAHTRE, I., tekhn. red.

[Handbook for soil improvement] Maaparanduse kasiraamat. Tal-
linn, Eesti riiklik kirjastus. Vol.1. [Fundamentals of soil
improvement] Maaparanduse alused. 1962. 473 p. (MIRA 15:5)
(Soils)

PEDAJA, Valtor; RAUD, H., red.; EINLENG, K., tekhn. red.

[Experience of economical management at the Vaimela State
Farm] Okonoomse majandamise kogemusi Vaimela sovhoosist. Tal-
linn, Eesti riiklik kirjastus, 1961. 95 p. (MIRA 15:6)
(State farms)

BUGRIN, S.K., inzh.; RAUD, M.A., inzh.

Horizontal capsule units for the Cherepovets Hydroelectric
Power Station. [Trudy] LNZ no.10:29-38 '64.

(MIRA 18:12)

BUGRIN, S.K.; RAUD, M.A.

Encapsuled hydraulic turbine. Biul. tekhn.-ekon. inform. Gos.
nauch.-issl. inst. nauch. i tekhn. inform. 17 no.2:41-43 '64.
(MIRA 17:6)

ZHMUD', Adol'f Yelizarovich [deceased]; KANTOVSKIY, V.K., retsenzent;
RAUD, M.A., red.; SHRIRO, I.I., red.; SHCHEGOLEV, G.S., red.;
MATARCHUK, G.A., red. izd-va; SPERANSKAYA, O.V., tekhn. red.

[Screw pumps with cycloid engagement] Vintovye nasosy s tsiklo-
idal'nym zatsepleniem. Izd. 3., perer. i dop. Moskva, Mashgiz,
1963. 153 p. (MIRA 16:3)
(Pumping machinery)

RAUD, V.

Full and efficient use of working time is an important means for
increasing labor productivity. Sots.trud 7 no.7:11-18 J1 '62.
(MIRA 15:8)
(Leningrad economic region--Machinery industry--Labor productivity)
(Time study)

RAUD, V.

Organizing public labor and creating prerequisites for the
transition from socialism to communism. Sets. trud 6 no.2:
19-29 Ag '61. (MIRA 14:8)
(Labor and laboring classes)

KUTS, Mikhail Konstantinovich; PONOMAREV, Yuriy Timofeyevich; RAUD,
V.M., kand. ekonom. nauk, nauchnyy red.; UDAL'TSOV, O.A.,
red. izd-va; GURDZHIYEVA, A.M., tekhn. red.

[Main sources of the increase of labor productivity in
U.S.S.R. industry] Osnovnye istochniki rosta proizvoditel'-
nosti truda v promyshlennosti SSSR. Leningrad, Ob-vo po raspr.
polit. i nauchn. znaniy RSFSR, 1961. 53 p. (MIRA 15:2)
(Labor productivity)

KHARITONOV, Aleksandr Ivanovich; RAUD, V.M., kand.ekonom.nauk, nauchnyy
red.; GRIBAKIN, D.V., red.izd-va; GURDZHIYEVA, A.M., tekhn.red.

[Role of labor productivity in solving the main economic task
of the U.S.S.R.] Rol' proizvoditel'nosti truda v reshenii
osnovnoi ekonomicheskoi zadachi SSSR. Leningrad, Ob-vo po
rasprostraneniю polit. i nauchn.znanii RSFSR, Leningr.otd-nie.
1960. 67 p. (MIRA 14:2)
(Labor productivity)

RAUD, Vyacheslav Mikhaylovich; AZAROV, E.K., red.; LEVONEVSKAYA, L.G.,
tekhn. red.

[Organization of work in an enterprise] Organizatsiia truda na pred-
priiatii. Leningrad, Lenizdat, 1961. 38 p. (MIRA 14:9)
(Leningrad Economic Region--Industrial organization)
(Labor productivity)

KAU 23E 11, AA

Distr: 4E3d/4E3b/4E2c(j)

The effect of catalysts on the condensation of resorcinol with phenylphosphoryl dichloride. Kh. T. Raudys and E. K. Pilroya. *Trudy Latv. Politekh. Inst. Ser. A* 1958, No. 97, 230-41. For increasing the mol. wt. of the polyester of H_2PO_4 obtained through condensation of resorcinol with $PhOPOCl_2$, $CaCl_2$ and anhyd. $AlCl_3$ were used as catalysts. In the case of $CaCl_2$ the optimum condition for the reaction is: mole ratio 1:1, temp. 140-150°, and duration 4 hrs. and the mol. wt. of resin obtained is 2200-2300. If the temp. is raised the mol. wt. is lowered. When $AlCl_3$ is used, resin mol. wt. 2500 is attained with reaction at 140-50° and in 2 hrs. At temp. >150°, the mol. wt. does not change. In all cases the polymers are linear with ratio between phenolic and acidic OH groups 1:1. Further, solvent $PhCl$ is used in lowering the viscosity of the reaction mixt. contg. resins of mol. wt. 2500. Thus, when $AlCl_3$ is used at 150° and after 18 hrs., a resin of mol. wt. 4970 is obtained. The degree of polycondensation could be increased by the presence of tertiary amines such as pyridine.

M. K. Chang

CNK

6
1-29 (NA)
3

RaUDAM, E.I., dotsent, zaveduyushchiy; ROOSAARE, M.A.; KLEMENT, F.D., professor,
rektor.

Central reflex modifications in leukocytes and erythrocytes in encephalo-
graphy. Vop.neirokhir. 17 no.3:30-36 My-Je '53. (MLRA 6:8)

1. Kafedra nevrologii Tartuskogo universiteta (for Raudam and Roosaare).
2. Tartuskiy universitet (for Klement).
(Encephalography) (Blood)

RAUDAM, E.I.; KULDMA, L.I.

Asymmetry of reflex leukocytosis and its diagnostic significance
in neurologic clinical practice. Zhur.nevr.i psikh. 53 no.11:
873-877 N '53. (MLA 6:12)

1. Kafedra nevrologii Tartuskogo gosudarstvennogo universiteta.
(Nervous system--Diseases) (Leukocytosis)

RAUDAM, E.]

High epidural novocaine-penicillin block in lumbosacral radiculitis-epiduritis. Vop. neirokhir. 18 no.5:33-37 S-O '54. (MLRA 7:11)

1. Is kafedry nevrologii Tartuskogo gosudarstvennogo universiteta.

(ANESTHESIA, REGIONAL, in various diseases,
epidural procaine & penicillin block in lumbosacral
radiculitis-epiduritis)

(NERVES, SPINAL, diseases,
radiculitis-epiduritis, ther., procaine & penicillin
high epidural block)

(PROCAINE, therapeutic use,
radiculitis-epiduritis, high procaine & penicillin
epidural block)

(PENICILLIN, therapeutic use,
radiculitis-epiduritis, high procaine & penicillin
epidural block)

RAUDAM, E.I.; MILLER, L.Yu.

Conditioned reflex insulin and adrenalin leucocytoses in
neuroses. Zhur.nevr. i psikh. 54 no.5:403-407 My '54. (MLRA 7:6)

1. Kafedra neurologii Tartuskogo gosudarstvennogo universiteta.

(LEUCOCYTOSIS,

*conditioned reflex epinephrine & insulin leukocytoses
in neuroses)

(REFLEX, CONDITIONED,

*conditioned epinephrine & insulin leukocytoses in neuroses)

(EPINEPHRINE, effects,

*conditioned reflex leucocytosis in neuroses)

(INSULIN, effects,

*conditioned reflex leucocytosis in neuroses)

(NEUROSES, physiology,

*conditioned reflex epinephrine & insulin leucocytosis)

RAUDAM, E.I.

Negative pressure in the spinal epidural space and its significance in diagnostics. Vop.neirokhir. 20 no.4:34-38 J1-Ag '56. (MLRA 9:11)

1. Iz kafedry nevrologii Tartuskogo gosudarstvennogo universiteta.

(SPINAL CORD, dis.

arachnitis & epiduritis, diag., role of negative pressure in epidural space)

(ARACHNOID, dis.

arachnitis, spinal, diag., role of negative pressure in epidural space)

(DURA MATER, dis.

epiduritis, spinal, diag., role of negative pressure in epidural space)

RAUDAM, E.I.

Methods of epidural anesthesia and its application in neurosurgery.
Vop.neirokhir. 21 no.3:37-39 My-Je '57. (MIRA 10:10)

1. Kafedra neurologii Tartuskogo gosudarstvennogo universiteta.
(NEUROSURGERY, anesth. and analgesia
epidural, method)
(ANESTHESIA, SPINAL,
epidural, in neurosurg., method)

SHEVAL'YE, A.V.; RAUDAM, E.I.

Diagnostic value of Poussepp's reflex [with summary in French].
Zhur.nevr. i psikh. 57 no.10:1219-1222 '57. (MIRA 10:12)

1. Institut eksperimental'noy i klinicheskoy meditsiny Akademii nauk
Estonskoy SSR i kafedra nevropatologii Tartusskogo gosudarstvennogo
universiteta.

(REFLEX.

Poussep's, diag. value in brain tumors (Rus))

(BRAIN NEOPLASMS, diagnosis.

Poussep's reflex (Rus))

PRYULLER, P.K. [Pruller, P.]; RAUDAM, E.I.; REYNET, Ya.Yu. [Reinet, J.]
SIYRDE, E.K. [Siirde, E.]

Generation, physiological effect and therapeutic use of electro-
aerosols. Trudy Len. ob-va est. 74 no. 1:100-104 '63.
(MIRA 17:9)

Raudam, E.L.

PHASE I BOOK EXPLOITATION

SOV/6150

Akademiya nauk Latviyskoy SSR. Institut eksperimental'noy meditsiny.

Voprosy kurortologii. [t.] 5: Problemy fiziologicheskogo deystviya i terapevticheskogo primeneniya aeroionov (Problems in Health-Resort Therapy. v. 5: Studies of the Physiological Effect and Therapeutic Application of Air Ions). Riga, Izd-vo AN Latviyskoy SSR, 1959. 424 p. (Series: Its: Trudy, t. 20) Errata slip inserted. 1000 copies printed.

Sponsoring Agency: Akademiya nauk Latviyskoy SSR. Institut eksperimental'noy meditsiny.

Editorial Board: Resp. Ed.: L. L. Vasil'yey, Professor, P. D. Perli, Professor, P. G. Portnov, Candidate of Medical Sciences, Ya. Yu. Reynet, Candidate of Physical and Mathematical Sciences, and L.M. Tutkevich, Candidate of Medical Sciences; Ed.: A. Vengranovich; Tech. Ed.: A. Zhukovskaya.

Card 1/7

25

Problems in Health-Resort (Cont.)

SOV/6150

PURPOSE: This book is intended for physicians working at health resorts and for the general practitioner.

COVERAGE: This book, a collection of articles, is essentially the proceedings of the Second Conference on the Physiological Effect and Therapeutic Application of Air Ions, held at Riga (Latvian SSR) in December 1957. The use of negative air ions is believed to be beneficial in the treatment of nonhealing wounds and ulcers which often result from radiation injury. The book contains photos of numerous devices described in the text. Numerous references, mostly Soviet, are given at the end of some of the articles.

TABLE OF CONTENTS [Abridged]:

Gerke, P. Ya. Introduction	3
Vasil'yev, L. L. Current Problems of the Physiological and Therapeutic Effect of Air Ions	5

Card 2/7

Problems in Health-Resort (Cont.)

SOV/6150

Raudam, E. I. and Ya. Yu. Reynet. The Effect of
Ionized Oxygen Upon Some Functions of the Organ-
ism

231

[The articles whose titles are here omitted deal with
the effect of ionized air upon the exchange of gases in
hypertonic and thyrotoxic patients, the air-ion effect
in treatment of endoarteritis, bronchial asthma,
atrophic rhinitis, eczema, and neurodermatitis, and with
the treatment of nonhealing wounds with ionized oxygen]

241

Resolution of the Conference on the Physiological Effect
and Therapeutic Application of Air Ions

405

Vasil'yev, L. L. Problems of Air Ionization in the
United States of America

409

AVAILABLE: Library of Congress

SUBJECT: Biology and Medicine

Card 7/7

IS/wb/bc
2-19-63

RAUDAM, E.I. (Tartu)

Surgical treatment of protrusion of an intervertebral disk.
Vop.neirokhir. 25 no.3:12-15 My-Je '61. (MIRA 14:5)

1. Kafedra nevrologii Tartuskogo gosudarstvennogo universiteta.
(INTERVERTEBRAL DISK—SURGERY)

RAUDAM, E.I.; REYNET, Ya.Yu.; TIKK, A.A.; VEL'DI, A.T.; TAMM, E.I.

Use of aerosols and electroaerosols in the acute stage of poliomyelitis especially in tracheotomized patients. Zhur. nevr. i psikh. 60 no.11:1428-1434 '60. (MIRA 14:5)

1. Kafedry nevrologii i obshchey fiziki Tartuskogo gosudarstvennogo universiteta i respiratornyy tsentr Tartuskoy respublikanskoy klinicheskoy bol'nitsy.

(POLIOMYELITIS) (TRACHEA--SURGERY)
(INHALATION THERAPY)

RAUDAM, E.I.; LUKA, V.Ya.; PAYMRE, R.I. [Paimre, R.]; KHEYNSOO, E.K.
[Heiusoo, E.]; VERNIK, A.Ya.

Diagnosis of intervertebral disk protrusion. Zhur. nevr.i psikh.
60 no.10:1259-1267 '60. (MIRA 14:1)

1. Kafedra nevrologii Tartuskogo gosudarstvennogo universiteta i
Tartuskaya respublikanskaya klinicheskaya bol'nitsa.
(INTERVERTEBRAL DISK...DISLOCATION)

RAUDANEN, I. S.

Distr: 4E43

537.643
3193. DETERMINATION OF THE PARAMETERS OF PLASMA IN
INERT GASES. Yu. M. KAZAN, T. Ya. KALVINOVA and I. S. Raudanen.
Vestnik Leningrad. Univ. Ser. Fiz. Khim, No. 3 (1957) No. 76, 1103.
In Russian.

11 The experiments were carried out using argon and helium. From
measurements taken by various methods in the positive column of
the discharge it was possible to determine and compare for each the
electron concentrations and electron gas temperature.

21 C.R.S. Manders

6
1
R. J. L.

KAGAN, Yu.M.; KAL'VINOVA, T.Ya.; RAUDANEN, I.S.

Measuring plasma parameters in inert gases [with summary in English].

Vest. LGU 12 no.16:41-43 '57.

(MIRA 10:11)

(Electric discharges through gases) f

Raudanen, I. S.

/Measurement of the plasma parameters in inert gases.
Yu. M. Kogau, T. Ya. Kal'vinova, and I. S. Raudanen.
Vestnik Leningrad Univ. 12, No. 16, Ser. Fiz. i Khim. No. 3,
41-3(1957).—Comparison is made of the values for electron
counts and electron gas temp. obtained by the Langmuir
probe method, floating probe method, and ion part charac-
teristics, in the pos. part of the discharge in A and He.
A. Libackyl

5
4B

EYZEN, O. [Eisen, O.], kand. tekhn. nauk; ARRO, I.; RAUDE, Kh. [Raude, H.]

Aromatic hydrocarbons of the 150°-300°C fraction of shale tar
produced in compartment kilns. Izv. AN Est. SSR. Ser. fiz.-mat.
i tekhn. nauk 12 no.4:439-445 '63. (MIRA 17:1)

1. Institut khimii AN Estonskoy SSR.

RAUDBERG, Ral'f

Exhibition in Estonia. Sov. foto 19 no.6:77 Je '59.
(MIRA 12:9)
(Estonia--Photography--Exhibitions)

EYZEN, O. [Eisen, O.], kand. tekhn. nauk; ARUMEYEL, E. [Arumeol, E.];
EYZEN, Yu. [Eisen, J.]; RAUDE, Kh. [Raude, H.]; PYDER, I.
[Poder, I.]; KIRRET, O.; LAKHE, L. [Lahé, L.]; VYANIKVER,
M. [Vanikver, M.]

Determining the individual composition of the middle
fractions of oil-shale tar by the gas chromatographic
and the spectrum analysis methods. Izv. AN Est. SSR. Ser.
fiz.-mat. i tekhn. nauk 13 no.2:135-142 '64.

(MIRA 17:9)

1. Institut khimii AN Estonskoy SSSR. 2. Chlen-korrespondent
AN Estonskoy SSR (for Kirret).

RAUDE, Kh. [Raude, H.]; EYZEN, O. [Eisen, O.]

Composition of saturated hydrocarbons from middle fractions of shale oil. Izv. AN Est. SSR. Ser. fiz.-mat. i tekhn. nauk 14 no. 4:614-622 '65 (MIRA 19:2)

Composition of bicyclic aromatic hydrocarbons from shale oil. Ibid.:623-630.

Composition of aromatic compounds of shale oil boiling above 300°C. Ibid.:631-634

1. Institut khimii AN Estonskoy SSR. Submitted June 1, 1965.

RAUDE, V.N.; SOROCKIN, I.Kh., inzh.

Handbook for coal mine mechanics. Ugol' Ukr. 7 no.6:48 Je '63.
(MIRA 16:8)

1. Leninskiy trest kombinata Kuzbassugol' Ministerstva ugol'noy
promyshlennosti SSSR.

L 18062-63

ACCESSION NR: AT3002174

EWI(d)/FCC(w)/BDS

AFFTC/IJP(C)

S/2924/61/001/01-/0203/0230

AUTHOR: Raudelyunas, A.

54
52

TITLE: Limit theorems for sums of random vectors connected in a homogeneous Markov chain I

SOURCE: Litovskiy matematicheskiy sbornik. v. 1, no. 1-2, 1961, 203-230

TOPIC TAGS: Markov chain, random vector, limit theorem

ABSTRACT: The author investigates the applicability of a local limit theorem and its refinements for a sequence of series of s-dimensional random vectors $\{X_k^{(n)}\}$, $1 \leq k \leq n$, $n = 1, 2, \dots$, connected at each n-th series in a homogeneous Markov chain with state space $\Omega_k^{(n)}$, with transitional probability functions $P_k^{(n)}(\omega, A)$ from the state $\omega \in \Omega_{k-1}^{(n)}$ at time k-1 into the set of states $A \in \mathcal{F}(\Omega_k^{(n)})$ at time k, and with coefficient of ergodicity of the function $P_k^{(n)}(\omega, A)$ as given in

$$\alpha_k^{(n)} = 1 - \sup_{\omega, \tilde{\omega}, A} [P_k^{(n)}(\omega, A) - P_k^{(n)}(\tilde{\omega}, A)], \quad (1)$$

$$\omega \in \Omega_{k-1}^{(n)}, \quad \tilde{\omega} \in \Omega_{k-1}^{(n)}, \quad A \in \mathcal{F}_k^{(n)}.$$

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ACCESSION NR: AT3002174

$\alpha_i^{(n)}$ is the coefficient of ergodicity of the chain

$$\alpha^{(n)} = \min_{1 \leq i \leq n} \alpha_i^{(n)}. \quad (2)$$

The index in parentheses denotes the number of series. The author assumes that the components $X_{k,i}^{(n)}$, $i = 1, 2, \dots, s$ of the random vectors $X^{(n)}$ have finite mathematical expectation $MX_{k,i}^{(n)}$ and variance $DX_{k,i}^{(n)}$. Therefore he can assume without loss of generality that

$$MX_{k,i}^{(n)} = 0, \quad k = 1, 2, \dots, n, \quad i = 1, 2, \dots, s. \quad (3)$$

After defining some notation

$$S_n^{(n)} = X_1^{(n)} + X_2^{(n)} + \dots + X_n^{(n)},$$

$$S_{n,i}^{(n)} = X_{1,i}^{(n)} + X_{2,i}^{(n)} + \dots + X_{n,i}^{(n)},$$

$$B_{n,i} = \sqrt{DS_{n,i}^{(n)}}.$$

$$\dot{S}_n^{(n)} = \left(\frac{S_{n,1}^{(n)}}{B_{n,1}}, \frac{S_{n,2}^{(n)}}{B_{n,2}}, \dots, \frac{S_{n,s}^{(n)}}{B_{n,s}} \right), \quad (4)$$

$$P_n(m) = P \{ S_n^{(n)} = m \}.$$

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L 18062-63

ACCESSION NR: AT3002174

The quadratic form of the sum is

$$\varphi_n(t) = t_1^2 + \dots + t_s^2 + 2\varphi_{12}^{(n)} t_1 t_2 + \dots + 2\varphi_{s-1, s}^{(n)} t_{s-1} t_s$$

$$\varphi_{ij}^{(n)} = \frac{N(S_{n,i}^{(n)} \cdot S_{n,j}^{(n)})}{B_{n,i} \cdot B_{n,j}}, \quad i, j = 1, 2, \dots, s. \quad (5)$$

he assumes that the quadratic form $\varphi_n(t)$ is positive definite uniformly with respect to n and therefore its inverse $\varphi_n^{-1}(t)$ always exists and is also uniformly positive definite. The article is a rewriting in the s -dimensional case of results of V. A. Statulyavichus (Lokal'nyye predel'nyye teoremy i ikh utochneniya dlya neodnorodnykh tsepey Markova, Lit. mat. sb. I, No. 1-2). The author proves two theorems. Theorem 1. Let $X_k^{(n)}$, $k = 1, 2, \dots, n$ take on as values only integral s -dimensional vectors where $X_k^{(n)}$ is uniformly bounded in k and n , $k = 1, 2, \dots, n$. Also assume that $D(X_k^{(n)} t) \geq \delta > 0$ for all t with $|t| = 1$, $k = 1, 2, \dots, n$, and that the square form $\varphi_n(t)$ of the normal sum $\hat{S}_n^{(n)}$ is positive definite uniformly with respect to n ,

$$\alpha^{(n)} n^{\frac{1}{2}} \ln^{-\frac{2}{3}} n \rightarrow \infty (n \rightarrow \infty)$$

$$\text{and} \quad \frac{\alpha^{(n)}}{\ln n \left(\ln \frac{1}{\alpha^{(n)}} + \ln \ln n \right)} \sum_{k=1}^n M \left(\min P \left\{ a X_k^{(n)} \equiv \right. \right. \quad (6)$$

$$\left. \equiv r \pmod{q} \mid \tilde{y}_{i-1}^{(n)} \times \tilde{y}_{i+1}^{(n)} \right\} \rightarrow \infty (n \rightarrow \infty) \quad (7)$$

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L 18062-63

ACCESSION NR: AT3002174

for all $q \geq 2$ and all integral vectors $a = (a_1, a_2, \dots, a_s)$ with greatest common divisor $(a_1, a_2, \dots, a_s, q) = 1$, where $(a, X_k^{(n)})$ is the scalar product. Then uniformly in $m = (m_1, m_2, \dots, m_s)$

$$\left(\prod_{i=1}^s B_{n,i} \right) \cdot P_n(m) - g(X_{nm}) \rightarrow 0 \quad (n \rightarrow \infty) \quad (8)$$

where $g(X_{nm})$ is the density of the s -dimensional normal distribution

$$X_{nm} = \left(\frac{m_1}{B_{n,1}}, \frac{m_2}{B_{n,2}}, \dots, \frac{m_s}{B_{n,s}} \right). \quad (9)$$

Theorem 2. Under the conditions of theorem 1, if (2:1) is replaced by the stronger condition

$$\alpha^{(n)}_{i,j} \ln^{-\frac{1}{2}} n (\ln \ln n)^{-\frac{1}{2}} \rightarrow \infty \quad (n \rightarrow \infty) \quad (10)$$

For any integer $\nu \geq 3$, the following expansion holds:

$$\left(\prod_{i=1}^s B_{n,i} \right) \cdot P_n(m) = g(X_{nm}) + \sum_{\nu=1}^{\infty} \left(\frac{1}{r_n} \right)^{\nu} \cdot I_{\nu}^{(s)} \left(-\frac{\partial}{\partial X_{nm}} \right) g(X_{nm}) + O\left(\frac{1}{r_n} \right)^{\nu+1}, \quad (11)$$

where

$$r_n = \max_{1 \leq i \leq s} \frac{1}{n} B_{n,i}^3 \alpha^{(n)}_{i,2}$$

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ACCESSION NR: AT3002174

$P_{n\lambda}(it) = P_{n\lambda}(it_1, it_2, \dots, it_s)$ are polynomials in s variables $it_1, it_2, \dots, it_s$ of degree not higher than 3λ with real coefficients which are uniformly bounded with respect to n . Their definition is given in Lemma 3 which is not quoted in the abstract. The constant in the symbol " $O(\dots)$ " depends on k and is bounded for all n . He expresses his deep gratitude to V. A. Statulyavichyus. Orig. art. has: 160 formulas.

ASSOCIATION: Vil'nyusskiy gosudarstvennyy universitet im. V. Kapsukasa (Vilnius State University)

SUBMITTED: 16May61

DATE ACQ: 10May63

ENCL: 00

SUB CODE: MM

NO REF SOV: 008

OTHER: 000

Card 5/5

RAUDKEPP, F.Yu.; SHEVAL'YE, A.V.

Surgical treatment of nontraumatic intracerebral hemorrhages. Zhur.
nevr. i psikh. 61 no.5:641-644 '61. (MIPA 14:7)

1. Neyrokhirurgicheskoye otdeleniye Tallinskoy respublikanskoy
bol'nitsy (glavnyy vrach M.G.Smirnova).
(APOPLEXY)

RAUDONIKAS, Oleg and NETSKIY, G. I.

"Distribution of Ticks in West Siberian Lowland in Connection with Spreading of Natural Nidi of Tickborne Encephalitis."

report presented at the Intl. Congress of Entomology, Vienna, Austria, 17-25 Aug 1960.

NEKRASOV, I. A.; RAUDONIS, P. A.

Craters caused by meteorites. Priroda 52 no.1:102-104 '63.
(MIRA 16:1)

1. Institut merslotovedeniya Sibirskogo otdeleniya AN SSSR, Yakutsk (for Nekrasov). 2. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva (for Raudonis).

(Meteorites)

LISITSINA, G.A.; OMEL'YANENKO, B.I.; RAUDONIS, P.A.

Low-temperature quartz-albite alterations of rocks near uranium
ore bodies. Geol.rud.mestorozh. 5 no.1:7-16 Ja-P '63. (MIRA 16:3)

(Quartz) (Albite) (Uranium ores) (Metasomatism (Geology))

S/026/63/000/001/006/007
A004/A126

AUTHORS: Nekrasov, I. A., Raudonis, P. A.

TITLE: Meteoric craters

PERIODICAL: Priroda, no. 1, 1963, 102 - 104

TEXT: After enumerating a number of meteoritic craters in various countries, the authors point out that not even every large-size meteorite results in the formation of a crater. Two types of craters are distinguished, namely impact craters and explosion craters. Moreover, the authors refer to the coesite synthesis in the USA in 1953 and the discovery of coesite in the Arizona crater in 1960, which proved that coesite can be a criterion for the identification of meteoritic craters on the Earth and, later, on the moon. In 1961, research work was started in the Soviet Union for identifying meteoritic craters and the authors report on a number of cases where, by the absence of coesite, crater-shaped depressions could be identified as ordinary tectonic formations. There are 3 figures.

Card 1/2

Meteoric craters

S/026/63/000/001/006/007
A004/A126

ASSOCIATIONS: 1. Institut merzlotovedeniya (Institute of Permafrost Study) of the Siberian Branch of the Academy of Sciences USSR (Yakutsk).
2. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralologii i geokhimii (Institute of Geology of Mineral Deposits, Petrography, Mineralogy and Geochemistry) of the Academy of Sciences USSR, Moscow.

YAKHONTOVA, L.K.; BUKINA, A.N.; RAUDONIS, P.A.

Solubility of some cobalt and nickel arsenides in a sulfuric acid
medium. Zap. Vses. min. ob-va 87 no.1:23-30 '58. (MIRA 11:6)

1. Moskovskiy universitet, Kafedra mineralogi.
(Arsenides) (Sulfuric acid)

YAKHONTOVA, L.K.; RAUDONIS, P.A.

Oxidation products of rammelsbergite from associations with smaltite and niccolite. Vest. Mosk. un. Ser. biol., pochv., geol., geog., 12 no.1:209-218 '57. (MLRA 10:11)

1. Kafedra mineralogii Moskovskogo gosudarstvennogo universiteta.
(Rammelsbergite) (Annabergite)
(Niccolite) (Smaltite)

RAUDONIS, P.A.

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✓ Oxidizability of some arsenides of cobalt, nickel and iron, and also of their binary mixtures. L. K. Yakhontova and P. A. Raudonis (State Univ., Moscow). *Geokhimiya* 1956, No. 8, 16-23. An exper. study of oxidizability of some arsenides at an early stage (during first 25 days) under conditions approximating those of nature. The following arsenides were studied: smaltite, safflorite, rammelsbergite, niccolite, and löllingite. Fifteen expts., viz., five of monominerals and 10 of pairs of minerals, were made. The minerals and mixts. were placed on covered watch glasses in an oven at 40°. Each day they were wetted with a soln. of distd. water satd. with CO₂ and O₂ until the pH value of the soln. was 4.5. After 25 days smaltite and rammelsbergite were treated several times with water at 100°, and then with hot 3% HCl soln. Aq. and acid exts. were analyzed for As, Co, Ni, and Fe. The following results were obtained: arsenides of Ni, Co, and Fe formed the following series of increasing stability: rammelsbergite, smaltite, safflorite, niccolite, löllingite, the last 3 being entirely unchanged; rammelsbergite and smaltite showed rapid oxidizability. At almost equal contents of all components high mobility of As and Fe were observed, and oxidizability of rammelsbergite was about 1.5 times more rapid than that of smaltite. Pairs of arsenides showed high variability of mixts. composed of smaltite and rammelsbergite with niccolite; "inert" niccolite in such mixts. changed intensely; smaltite and rammelsbergite with addns. to them of safflorite or löllingite were much more stable than in monomineral form; and niccolite and safflorite with löllingite showed greater oxidizability than the same arsenides taken individually. Among secondary products forming by oxidation of the arsenides were As₂O₃ and arsenates of Co, Ni, and Fe. The content of arsenolite was especially high.

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RAUDONIS, P.A.

Oxidation products of rammelsbergite from its association with smaltite and niccolite. L. K. Yakhontov and P. A. Raudonis (Moscow Univ. Dept. Mineralogy). *Vestnik Moskov. Univ.* 12, Ser. Biol., Pechenod., Geol., Geografi No. 1, 209-18(1957).—Microscopic studies of smaltite (Co 8, Ni 12-15, Bi 1, Sb 1; Fe 2-6%) and rammelsbergite (Ni 20, Co 5-8, Fe 3, Bi 0.68, Sb 1.25%) from ore deposits of the U.S.S.R. showed a soot-like, greenish matter between the layers of the minerals. On the basis of chem., mineralographic, thermal, and x-ray analyses, the soot-like matter consisted of a finely dispersed aggregate of rammelsbergite mixed with arsenolite (I) and annabergite (II). The I:II ratio was related to the degree of oxidation; i.e., to the amt. of As₂O₃ present. In nature this process is facilitated by the unevenness of the particle size of arsenide, the degree of its dispersion with niccolite, and the amt. of isolation caused by growing crystals of smaltite on top of rammelsbergite.
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YAKHONTOVA, L.K.; RAUDONIS, P.A.

Oxidizability of certain arsenides of cobalt, nickel, and iron, and also of their binary mixtures. Geokhimiia no.8:10-22 '56. (MLRA 10:2)

1. Kafedra mineralogii Moskovskogo gosudarstvennogo universiteta.
(Arsenides) (Oxidation)

RAUDSAAR, Kh.K.; RIYVES, V.G.

Observations of minor planets at the Tartu Astronomical Observatory of the
Academy of Sciences of the Estonian S.S.R. Astron.tsir. no.134:2 F '53.
(MLEA 6:6)

1. Tartuskaya Astronomicheskaya Observatoriya. (Planets, Minor)

RAUDSAAR, ^YM.K., mladshiy nauchnyy sotrudnik.

Observations of minor planets at Tartu Astronomical Observatory
of the Academy of Sciences of the Estonian S.S.R Astron. tsir.
no. 141:2-3 S '53. (MLA 7:7)

1. Tartuskaya Astronomicheskaya Observatoriya.
(Planets, Minor)

RAUDSAAR, H.K.

Observations of minor planets at the Tartu Astronomical Observatory of
the Academy of Sciences of the Estonian S.S.R. Astron. tsir. no. 146:3 p. 54.
(MLRA 7:6)

1. Tartuskaya Astronomicheskaya Observatoriya.
(Planets, Minor)

RAUDSAAR, E. K.

Observations of comets and minor planets at Tartu Astronomical Observatory of the Academy of Sciences of the Estonian SSR. Astron. tsir. no. 155:4-5 D '54. (MLRA 8:6)

1. Tartuskaya astronomicheskaya observatoriya.
(Planets, Minor)

RAUDSAAR, E.K.

Observations of Honda's (1955g) and Olbers' (1956a) comets at the
Tartusk Astronomical Observatory. Astron. tsirk. no. 174:2-3 N '56.
(MIRA 10:3)

1. Tartuskaya Astronomicheskaya Observatoriya.
(Comets--1955) (Comet, Olbers')

KUZMIN, G.; RAUDSAAR, Kh.

Preliminary data on observations of Arend-Roland's comet at the Tartu Astronomical Observatory of the Academy of Sciences of Estonia. Astron. tsir. no.180:9-10 My '57. (MIRA 13:4)

1. Tartuskaya astronomicheskaya observatoriya AN ESSR.
(Comets---1956)

RAUDSAAR, Kh.

Observations of Arend-Roland's comet (1956 h) and of Mrkos' comet (1957 d) at the Tartu Astronomical Observatory. Astron. tsir. no.190:8-9 Mr '58. (MIRA 11:9)

1. Tartuskaya astronomicheskaya observatoriya.
(Comets)

RAUDSAAR, Kh. [Raudsaar, H.]

Observations of Burnham's comet (1958a) at the Tartu Observatory.
Astron.tair. no.197:1-2 N '58. (MIRA 12:7)

1. Tartuskaya astronomicheskaya observatoriya.
(Comets—1958)

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SOV/35-59-8-6152

3.1420

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959,
Nr 8, p 10

AUTHOR: Raudsaar, Kh.K.

TITLE: The Study of the Motion of the Neuymin I Comet From 1931 to 1948

PERIODICAL: Byul. In-ta teor. astron. AS USSR, 1959, Vol 7, Nr 3, pp 221-232

ABSTRACT: The comet, with a revolution period of 18 years was observed during its three appearances (March 1913, January 1931, and December 1948). Its motion from 1913 to 1931 was formerly studied by Van-Biesbrock. The author studied the comet's motion from 1931 to 1948. The study was carried out by Cowell's method with allowance made for the perturbances from five planets (Venus-Saturn). A comparison was made between the 33 observations of 1931 - 1932 and the 10 observations of 1948. The correction of the calculated orbit was carried out by the Eckert-Brower method. The mean error of one normal position

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The Study of the Motion of the Neuymin I Comet From 1931 to 1948

is $\approx +2''.4$. As a result of the correction of the calculated orbit the following systems of the elements were obtained:

Osculation

T

ω

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a

n

Bibl. 14 titles.

1931, May 9.0

1931, Apr. 30.0721

346°.95529 } 1931.0

347°.31380 }

15°.14785 }

0.7749292

6.788551

0°.05572351

1948, Dec. 15.0

1948, Dec. 15.93892

346°.68889 } 1950.0

347°.17380 }

15°.00365 }

0.7744632

6.860925

0°.0548441

S.G. Makover

Card 2/2

RAUDSAAR, Kh.K. [Raudsaar, H.]

Observations of comets at the Tartu Astronomical Observatory.
Astron. tsir. no. 209:5-6 Mr '60. (MIRA 13:9)

1. Tartuskaya astronomicheskaya observatoriya.
(Comets)

RAUDSAAR Kh.H. [Raudsaar, H.]

Observations of comets in Tartu. Astron.tsir. no.218:1-2
P '61, (MIRA 14:7)

1. Tartuskaya astronomicheskaya observatoriya.
(Comets---1959)

RAUDSAAR, K.H.A. [Raudsaar, H.]

Observations of Ikeya's comet (1963 i) and Alcock's comet
(1963 b) in Tartu. Biol. Inst. teor. astron. 9 no.9:625-
626 '64. (MIRA 17:12)

1. Tartuskaya astronomicheskaya observatoriya.